

a correction unit which corrects image data picked up from an original image by using the chromatic aberration factors set by the setting unit.

7. (New) An image pick-up device as claimed in claim 6, wherein the predetermined pattern is formed on a chromatic aberration board.

8. (New) An image pick-up device as claimed in claim 7, wherein the chromatic aberration board is fixed in an area near a document platen.

9. (New) An image pick-up device as claimed in claim 6, wherein the predetermined pattern is a ladder pattern.

10. (New) An image pick-up device as claimed in claim 6, wherein the chromatic aberration factors are set for each color component.

11. (New) An image pick-up device comprising:  
a sensor which picks up an image through a lens;  
a pattern image with a predetermined pattern;  
a calculation unit which calculates chromatic aberration factors based on the image data picked up from the pattern image;  
a memory which stores the calculated chromatic aberration factors; and

a correction unit which corrects image data picked up from an original image based on the stored chromatic aberration factors.

12. (New) An image pick-up device as claimed in claim 11, wherein the pattern image is formed on a chromatic aberration board.

13. (New) An image pick-up device as claimed in claim 12, wherein the chromatic aberration board is fixed in an area near a document platen.

14. (New) An image pick-up device as claimed in claim 11, wherein the predetermined pattern is a ladder pattern.

15. (New) An image pick-up device as claimed in claim 11, wherein the memory is a line memory.

16. (New) An image pick-up device as claimed in claim 11, wherein the chromatic aberration factors are stored in the memory for each color component.

17. (New) An image pick-up device comprising:  
a sensor which picks up an image through a lens;  
a pattern image with a predetermined pattern;

a determining unit which determines a character amount of the image data picked up from the pattern image;

a setting unit which sets chromatic aberration factors based on the character amount; and

a correction unit which corrects image data picked up from an original image by using the chromatic aberration factors set by the setting unit.

18. (New) An image pick-up device claimed in claim 17, wherein the device further comprises a memory which stores the determined character amount and outputs the character amount to the setting unit, and the setting unit includes a table which stores the relationship between the chromatic aberration factors and the character amount.

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19. (New) An image pick-up device claimed in claim 17, wherein the device further comprises an extraction unit which extracts a changing point of the character amount, and a memory which stores the changing point and outputs the changing point to the setting unit, and the setting unit includes a table which stores the relationship between the chromatic aberration factors and the changing point.

20. (New) An image pick-up device as claimed in claim 17, wherein the pattern image is formed on a chromatic aberration board.

21. (New) An image pick-up device as claimed in claim 20, wherein the chromatic aberration board is fixed in an area near a document platen.

22. (New) An image pick-up device as claimed in claim 17, wherein the predetermined pattern is a ladder pattern.

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23. (New) An image pick-up device as claimed in claim 17, wherein the chromatic aberration factors are set for each color component.

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